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PM Series Stepping Motor

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Jameco Part Number 174553

STEPPING MOTOR BASIC INFORMATION

Stepping Motor Profile / Product Code / Basic Structure

STEPPING MOTOR PROFILE

CHARACTERISTICS

- Increase of holding and dynamic torque over conventional products in excess of 15%.
- Capable of complying to diverse product demands by changing the combination of shafts, front plates, and wire harnesses.

PRODUCTIVITY

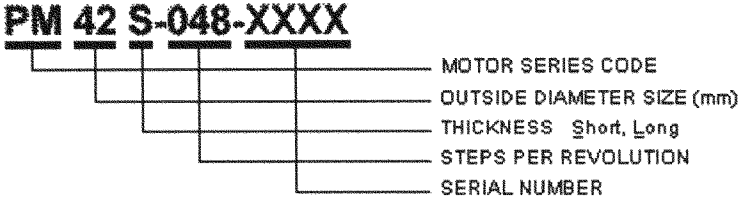
- Fully automated coil assembly.
- Capable of complying to automated motor assembly process.
- Reduction of steps required from order to delivery.

QUALITY

- Improvement of quality through fully automated coil assembly.
- Improvement of precision by re-organization of the assembly criteria around the inner diameter of the stator, and reduction of failure rate through stabilization of air-gap between rotor and stator.
- Improvement of quality as a total by introduction of automated assembly.

TOP

PRODUCT CODE



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BASIC STRUCTURE

The stator section of PM series stepping motor consists of coils, stator yoke, in/out terminal and stators molded together in one piece by plastic resin. as seen in the diagram, PM series motor is assembled simply by combining this stator with rotors of cylindrical permanent magnets.